

FIG. 1A

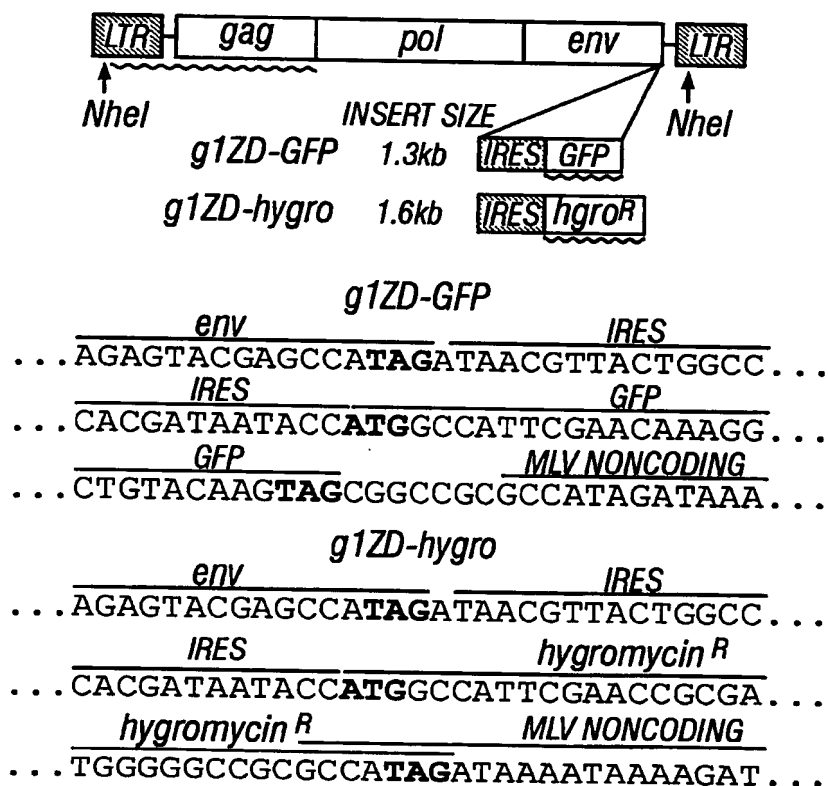


FIG. 1B

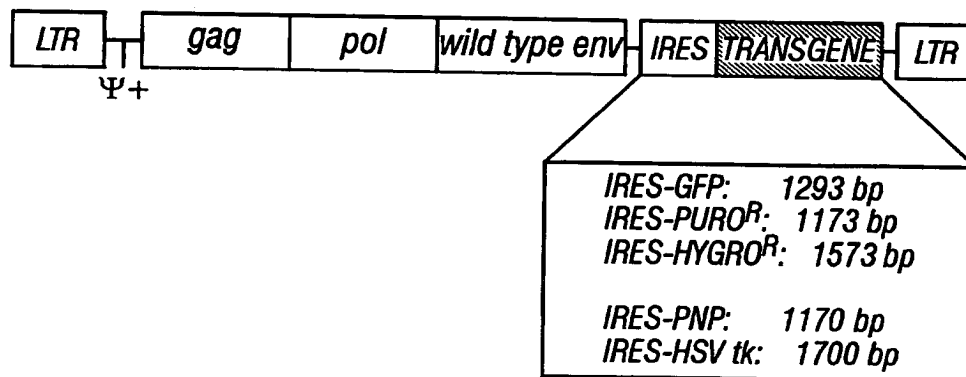


FIG. 2A

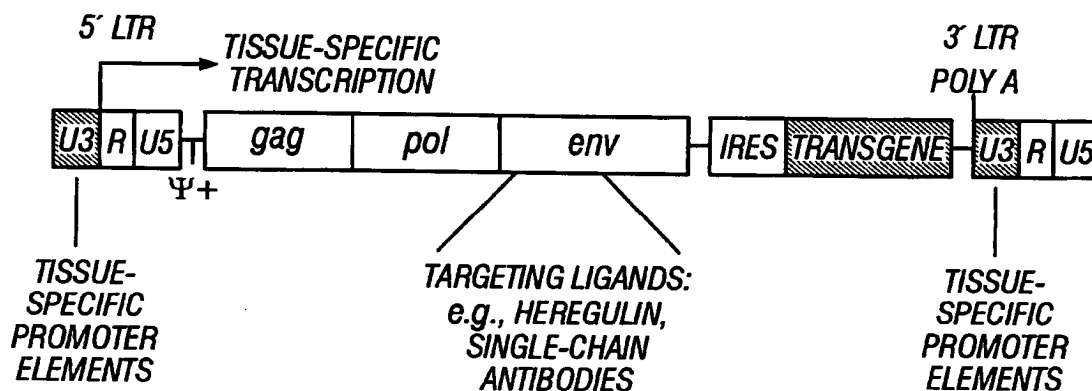


FIG. 2B

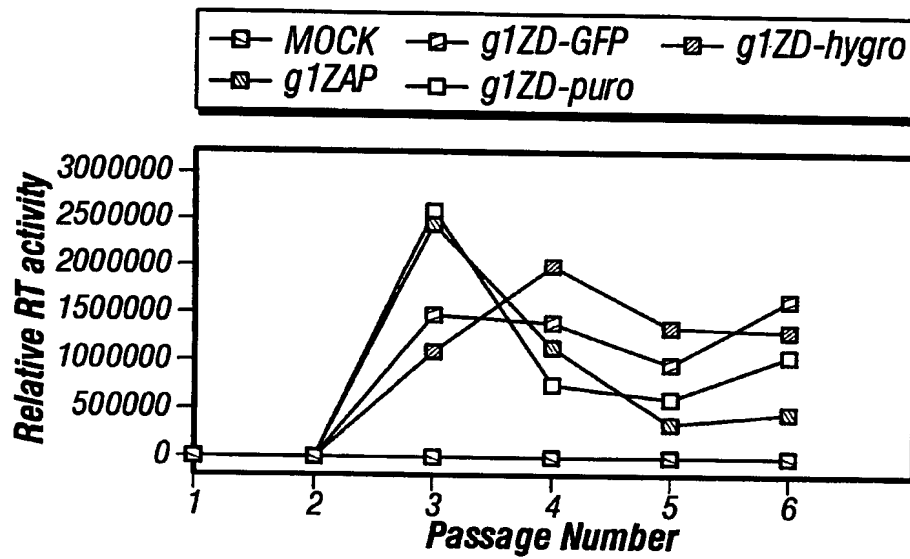


FIG. 3A

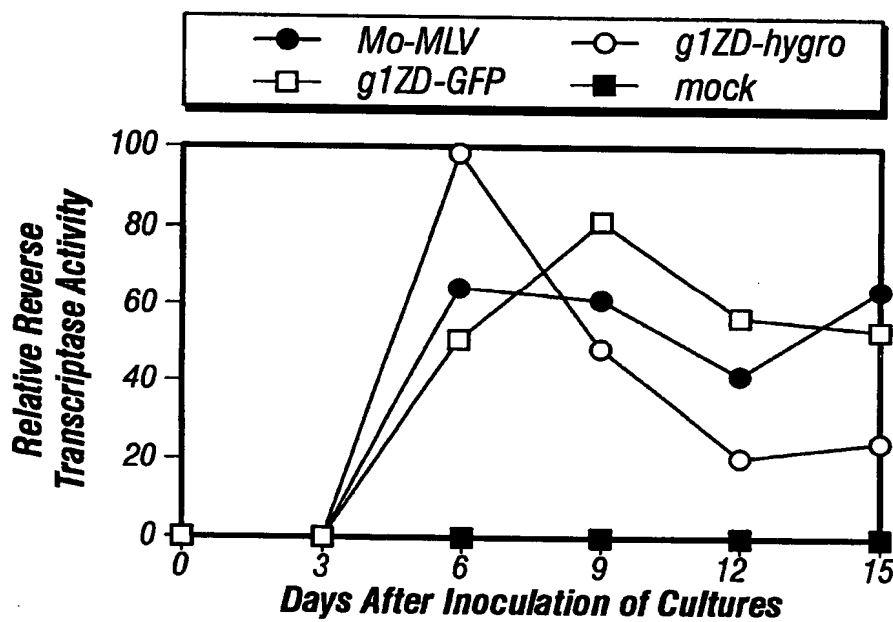


FIG. 3B

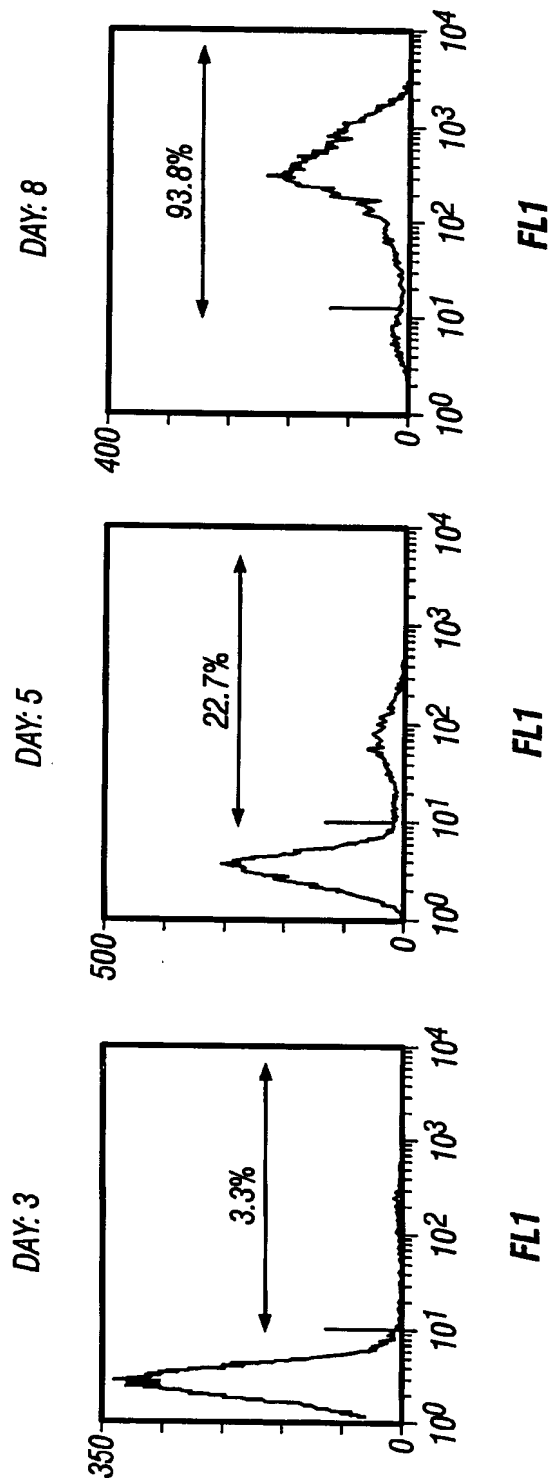


FIG. 4

Percent of Cells Transduced
(by FACS Analysis)

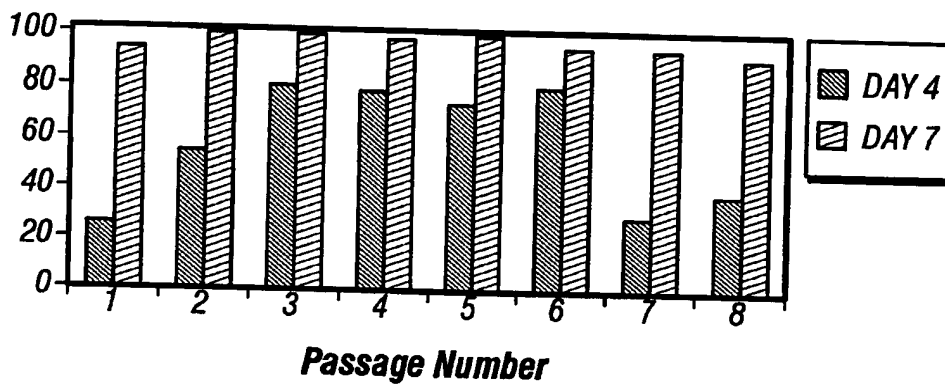


FIG. 5

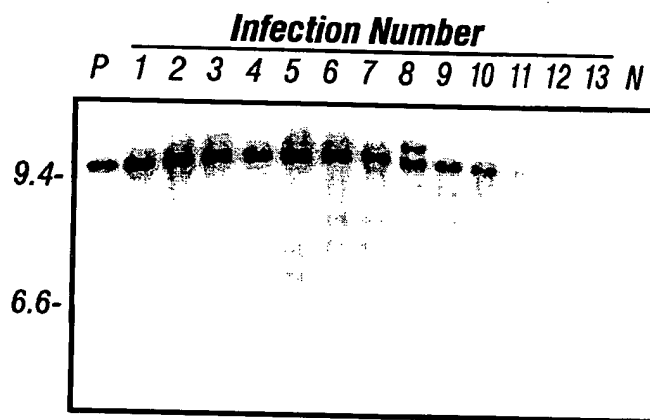
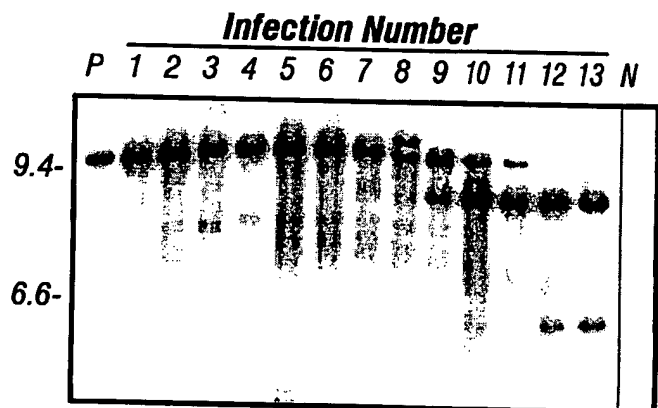


FIG. 6A



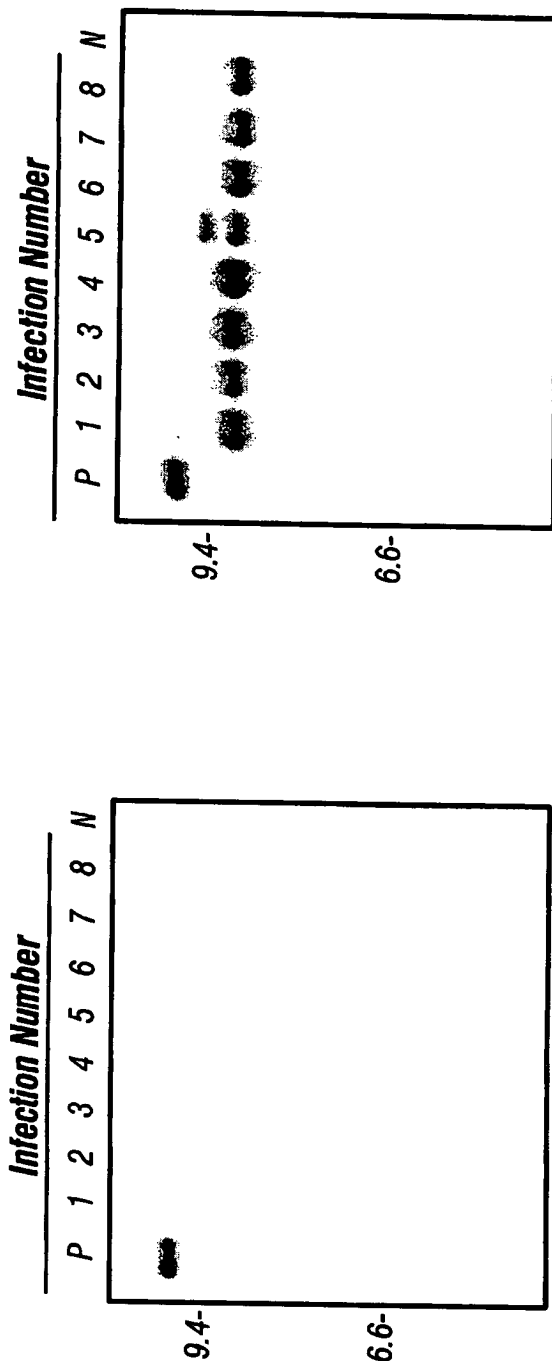
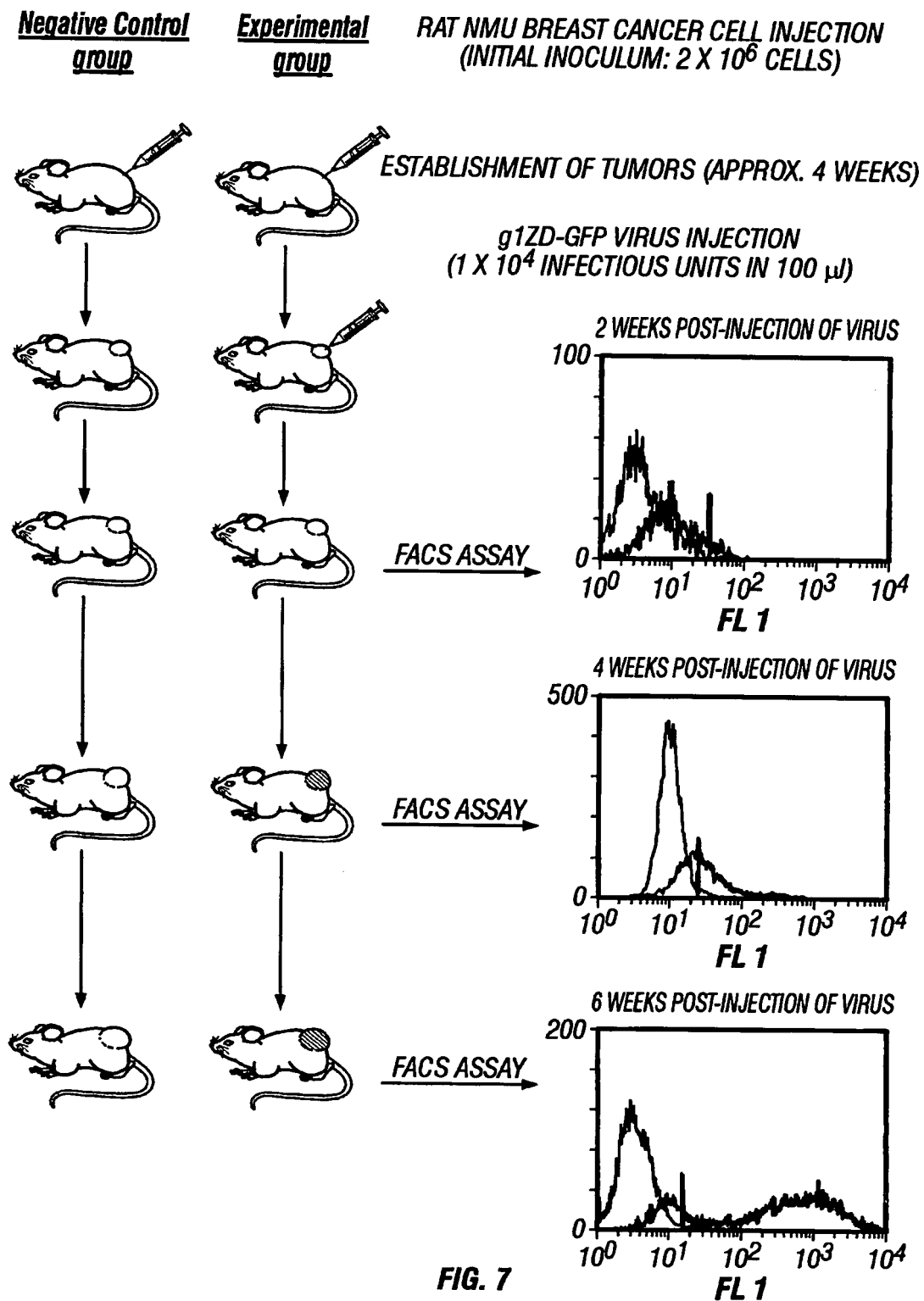


FIG. 6B



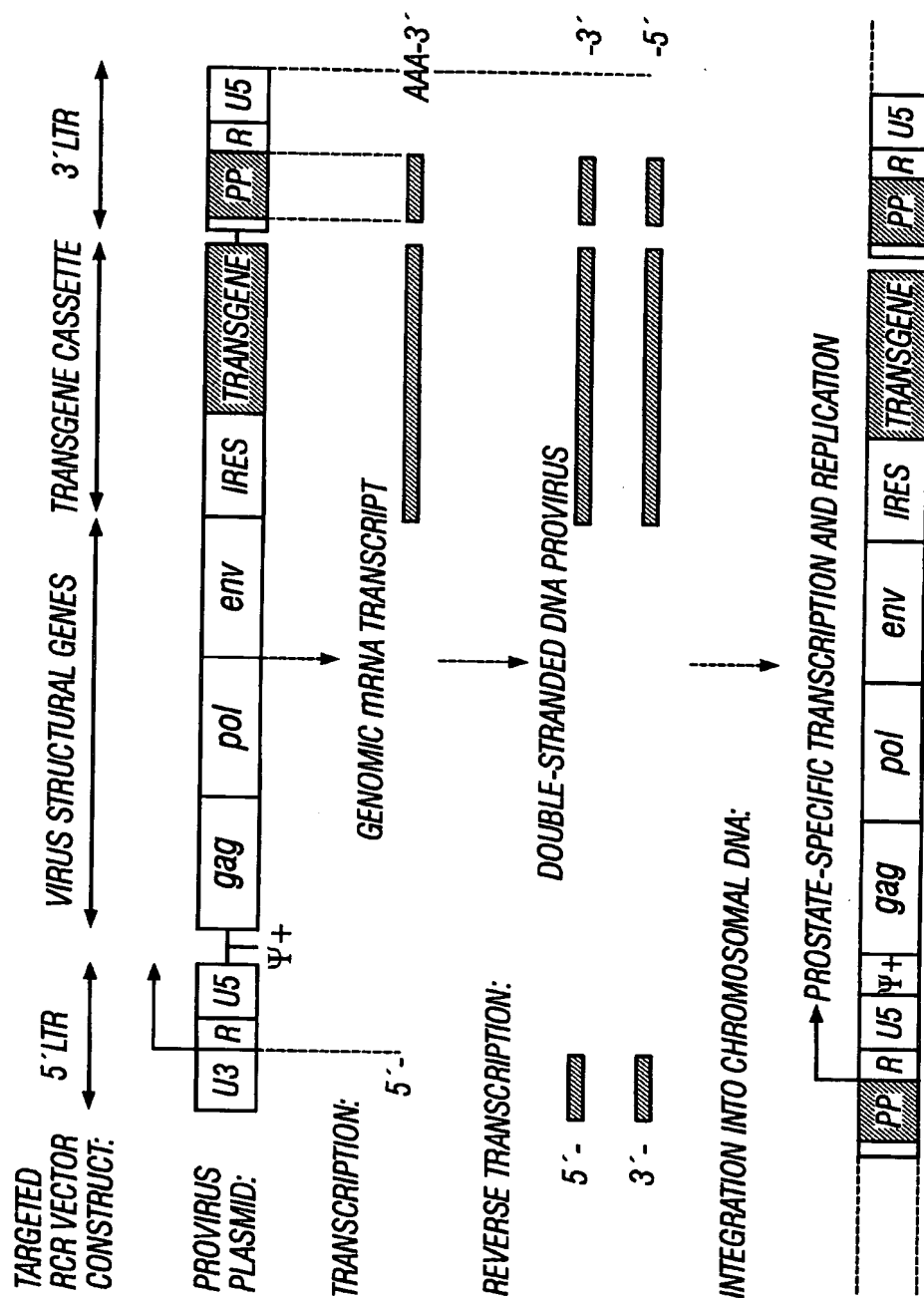


FIG. 8

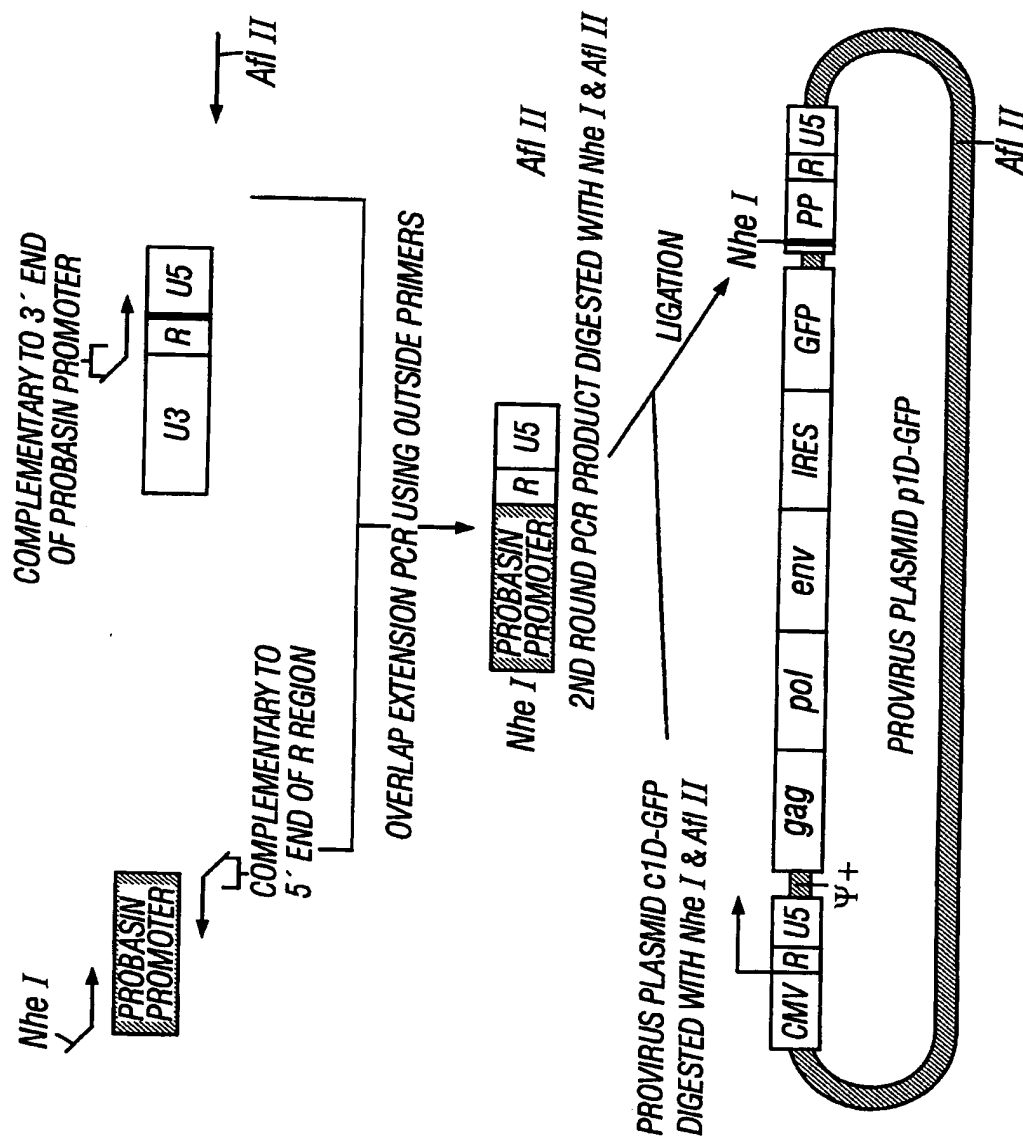


FIG. 9A

201110" 216E4001

CAGTTCAGGTTCAATGGCGTTCAAAACCTTGATCAAAAATGACCAAGACTTATATCTTACACCAACATCTATCTGATGGAGGATGGATAAGTATCATCATGTTTAAACATCTACCATTC
 10 20 30 40 50 60 70 80 90 100 110 120

CAGTTAGAAAATGATGACCAATCTGTCTTCTTATGTTTCTTATAGGGACATAAAGCCCAATAAATAATATGCTCTGAAGATGGACAGGCAATGGGCAATGTCCATGCTCCTAGT
 130 140 150 160 170 180 190 200 210 220 230 240

AAGCTATCTCCAAAGAACCTATTGTGATCTAGATGACACAAATGTCAATGTCTGTGTACAACTGCCCACTGGGATGCAAGACACTGTGCCCCATGTCATATCTCTGAAAGCAGCTATATAAAG
 250 260 270 280 290 300 310 320 330 CAAT 340 350 TATA 360
 BOX BOX

CAGGAAGCTACTCTGCAGCGCCAGTCTCCGATGACTGAGTGGCGCGGGTACCGGTGATTCATTAACCCCTCTTCAGATGTCATCGGACTGTGGTCTGCTGTCTTCTGGGAGGG
 370 380 390 R REGION 400 410 420 430 440 450 460 470 480

TCTCCCTCTCAGTGATGTACCCCGTACAGCGGGGGTCTTTCATTGGGGAGCTGTCTCCGGATGCGGGAGACCCCTGCCAGAGGACCATCGACCCACACCGGAGGTAACTGGCTGCCTCA
 490 500 510 520 530 540 550 560 570 580 590 600

FIG. 9B

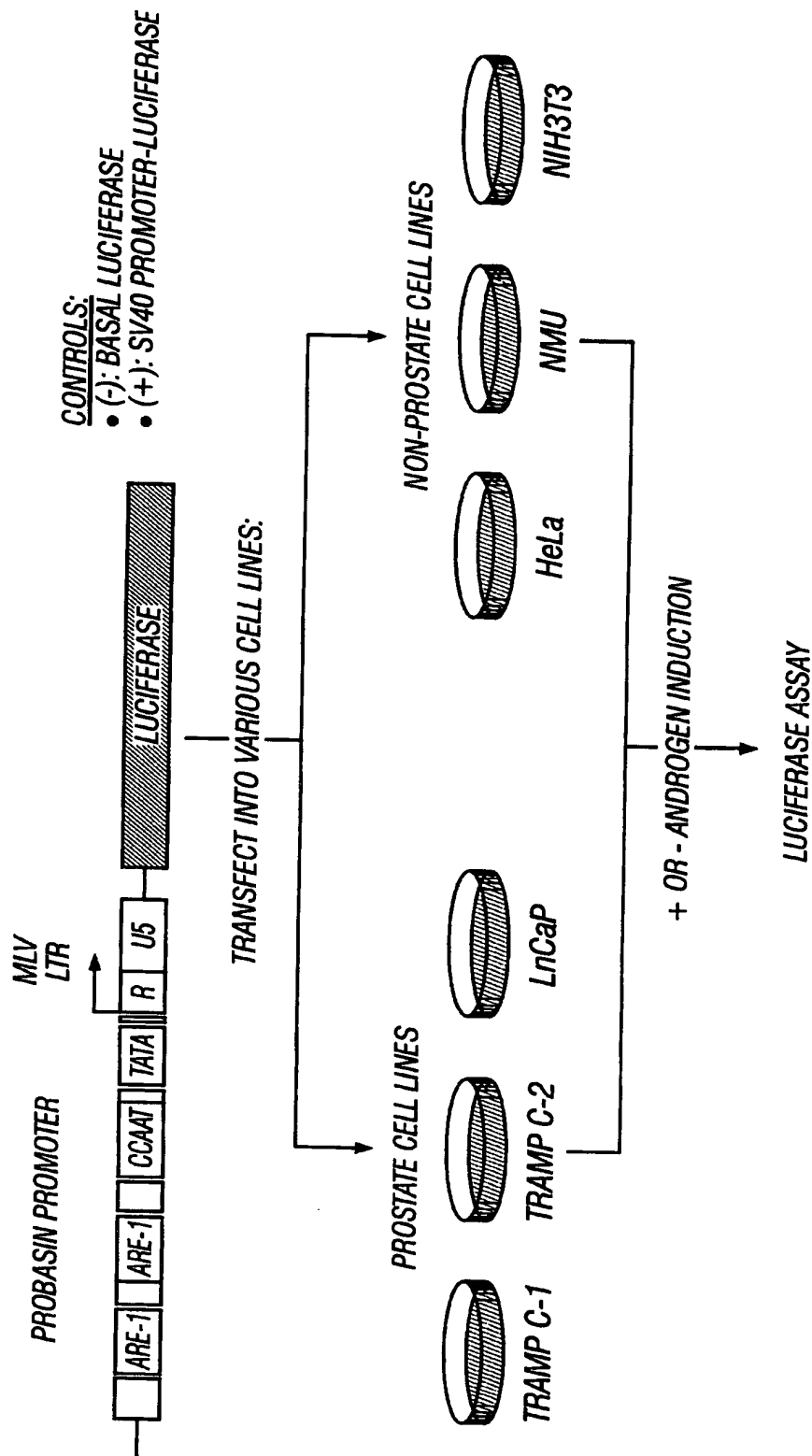


FIG. 10

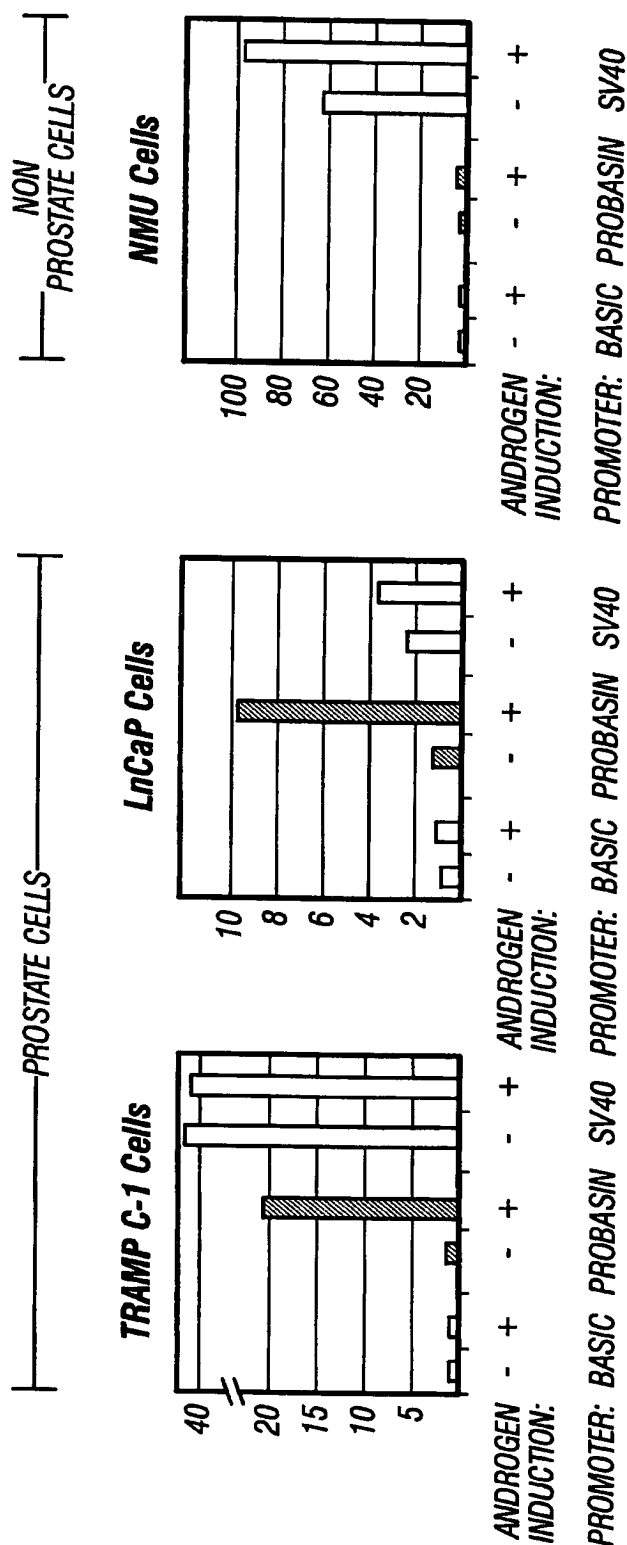


FIG. 11

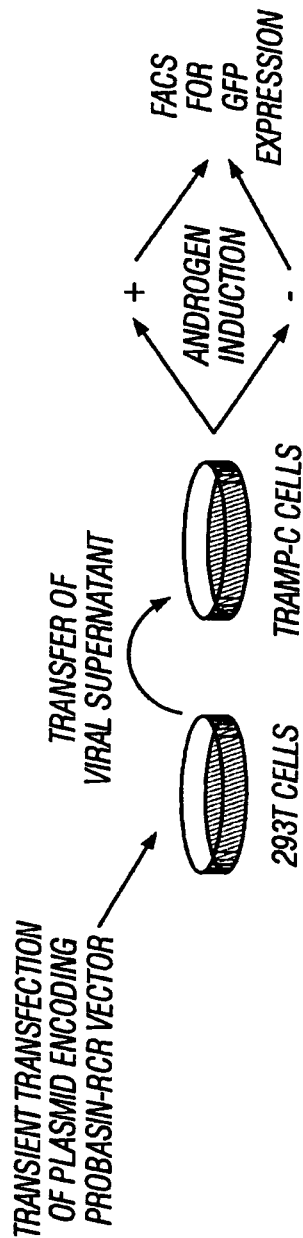


FIG. 12

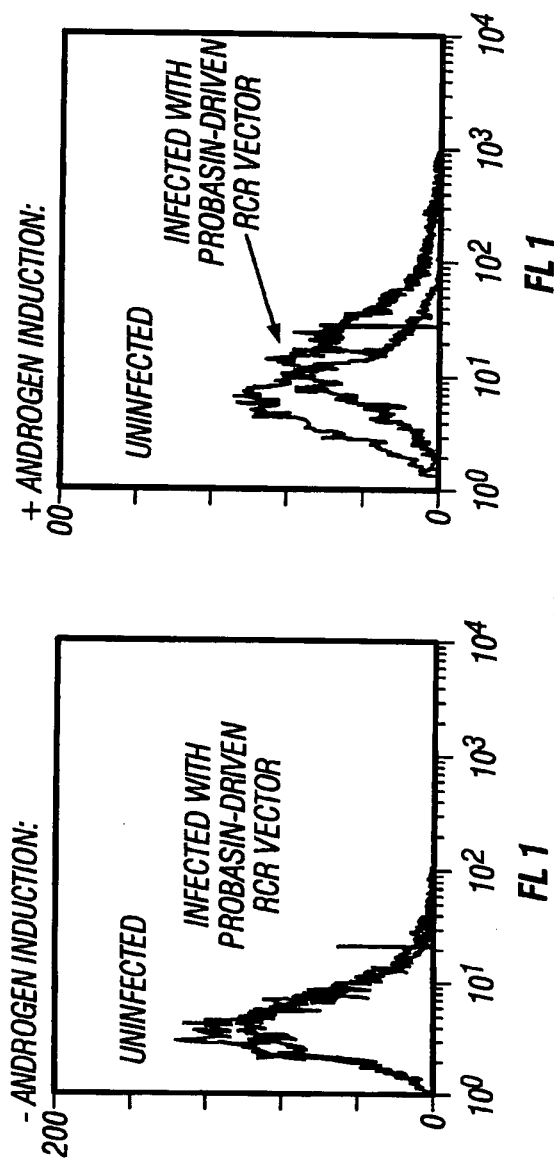


FIG. 13

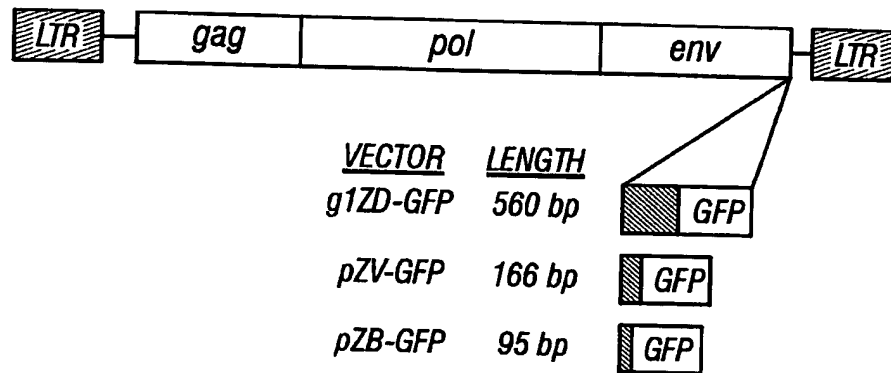


FIG. 14

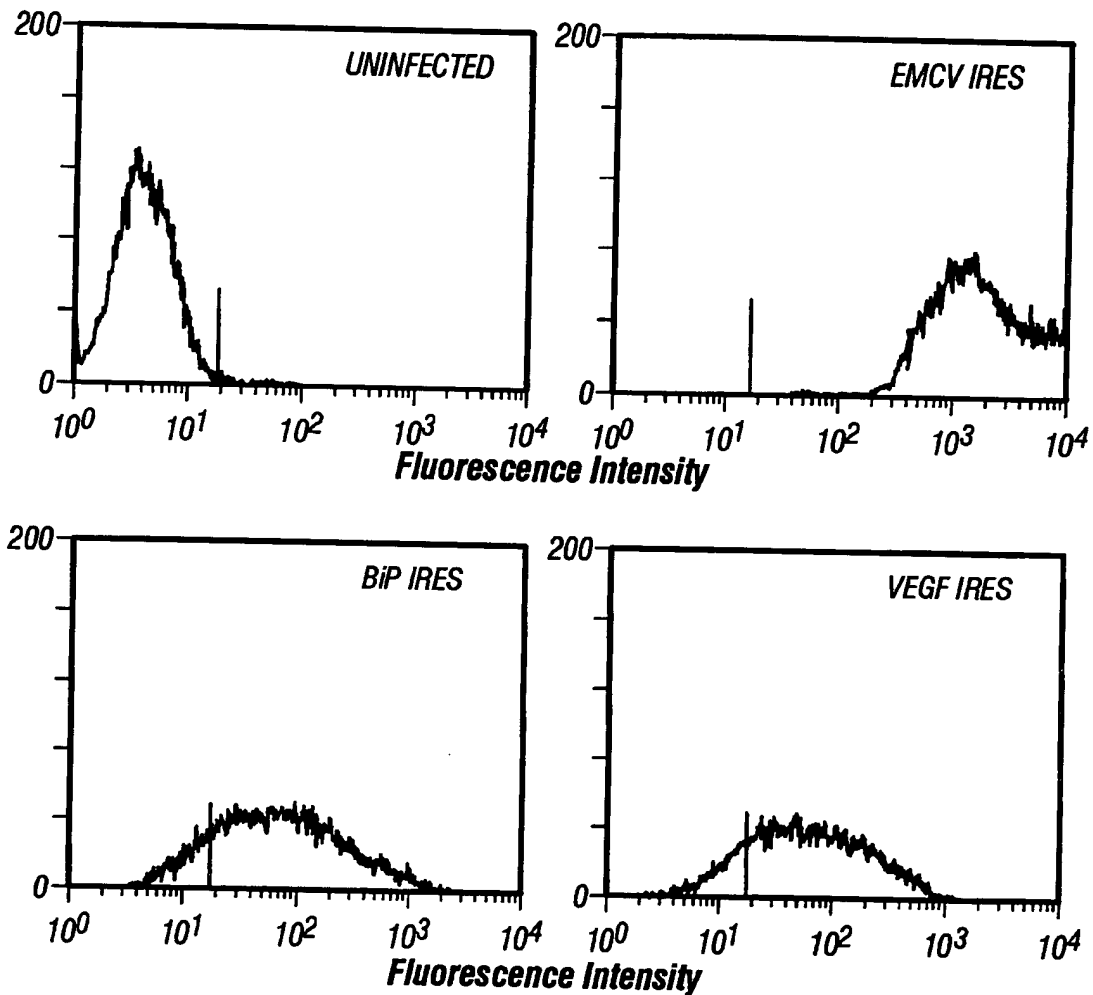


FIG. 15

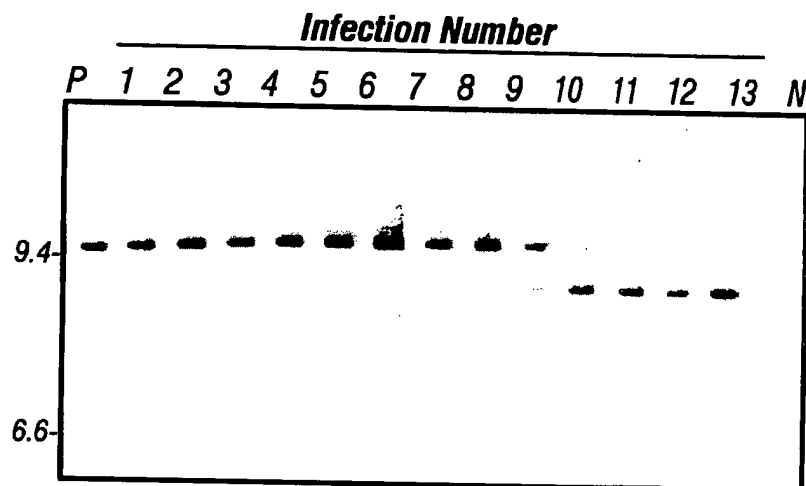


FIG. 16A

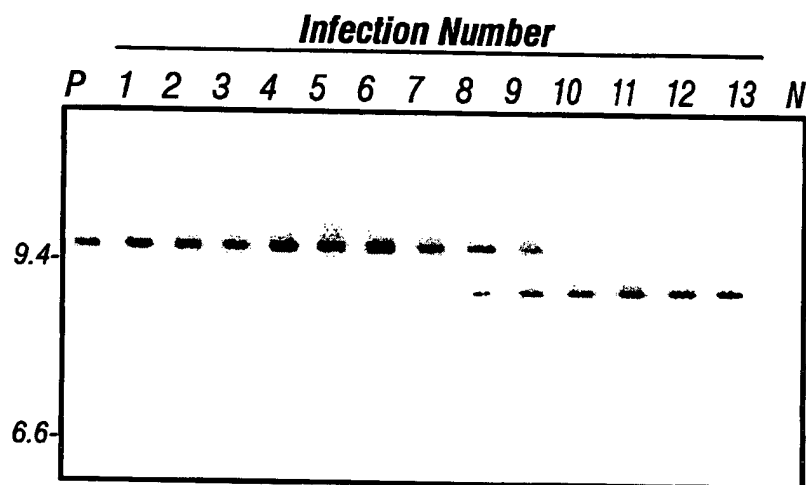
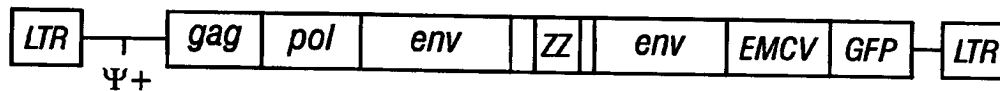


FIG. 16B

20170726-011103

ZE-GFP



ZV-A-GFP

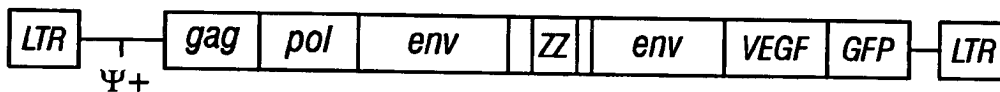
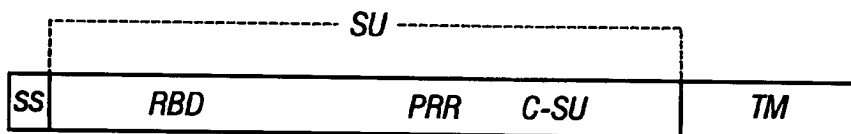


FIG. 17

WILD TYPE MLV ENVELOPE



ZDAH-emd



ZBAH-emd

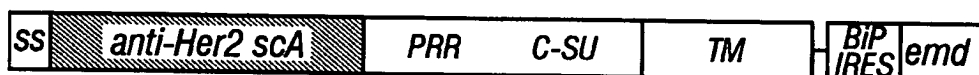


FIG. 18

20043912-01102

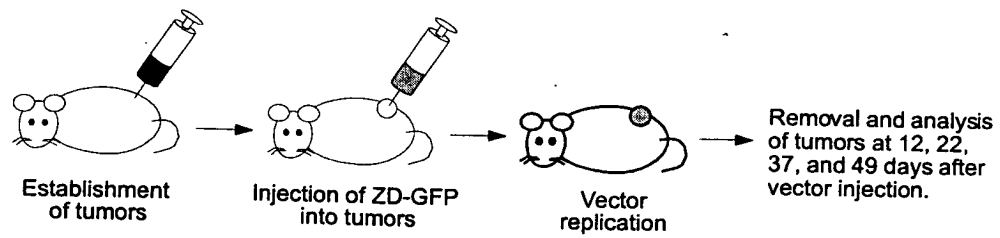


Figure 19

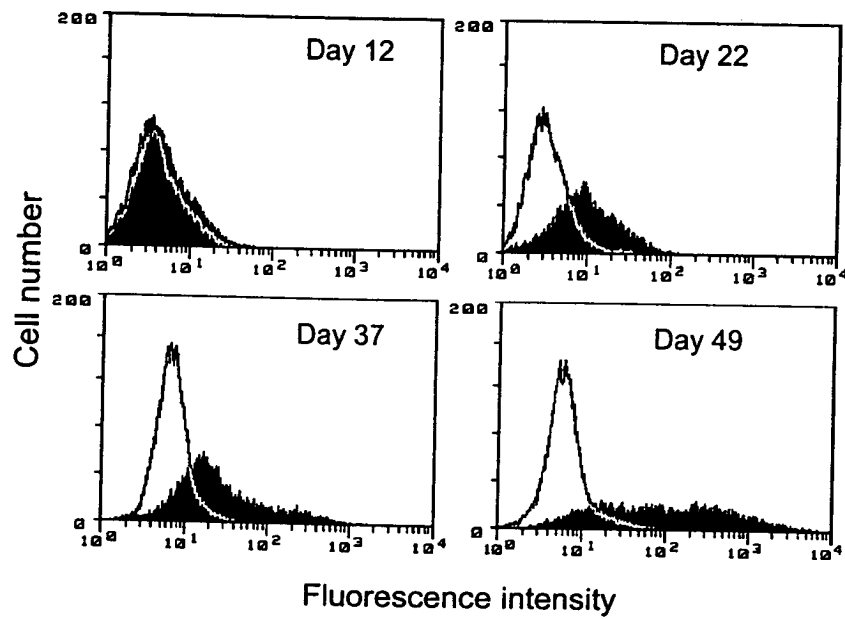
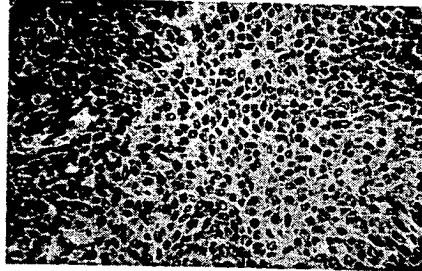
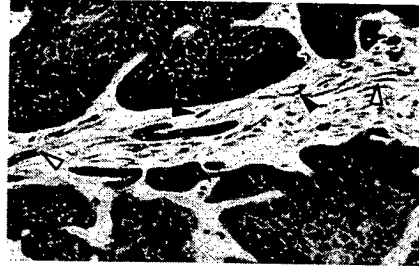


Figure 20

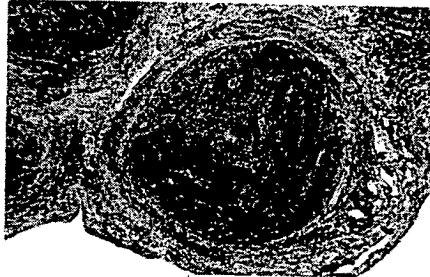
Day 22



Day 49



Day 49



Neg, Day 49

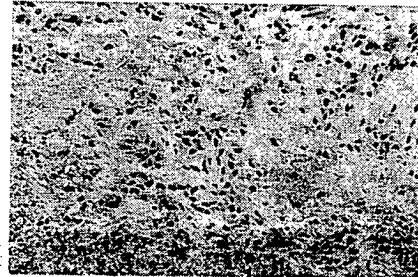


Figure 21

20111021624001

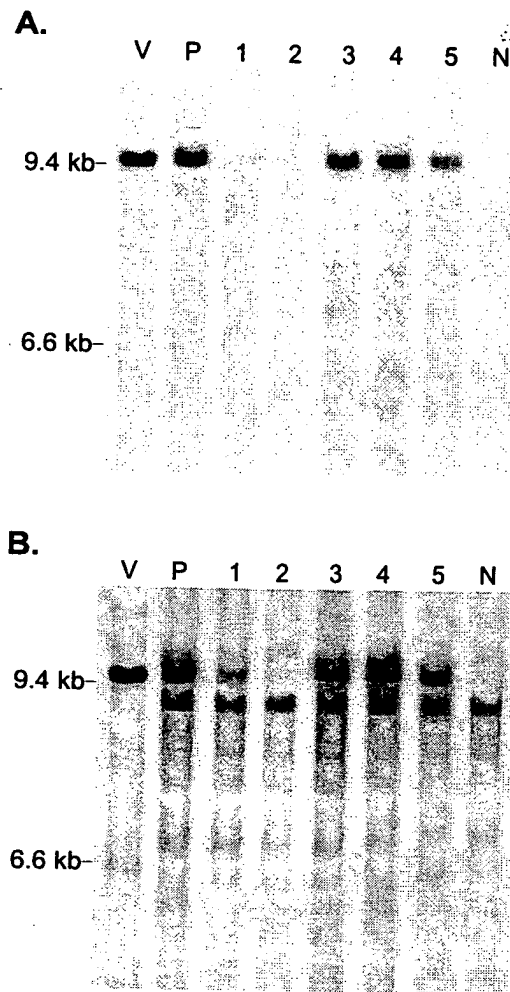


Figure 22

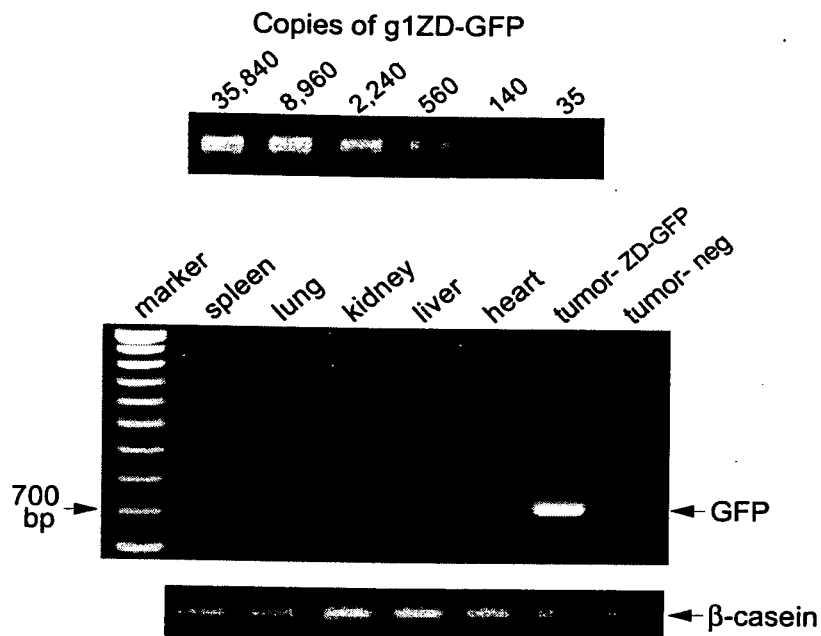


Figure 23

A.



B.

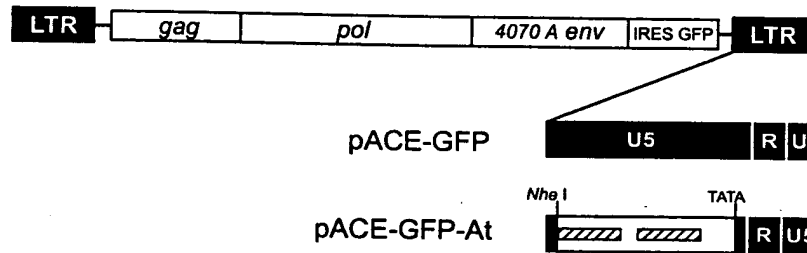


Figure 24

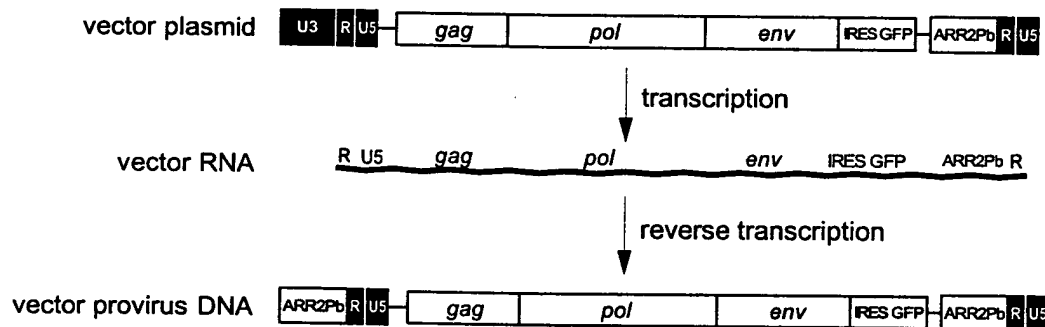


Figure 25

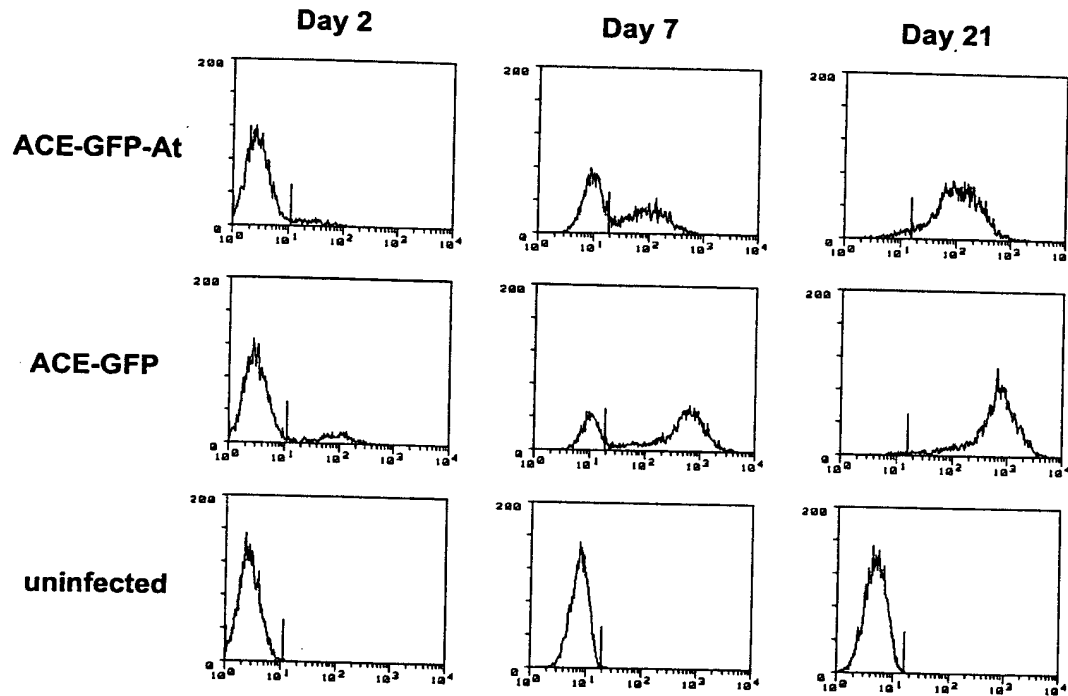


Figure 26

20043913.0100

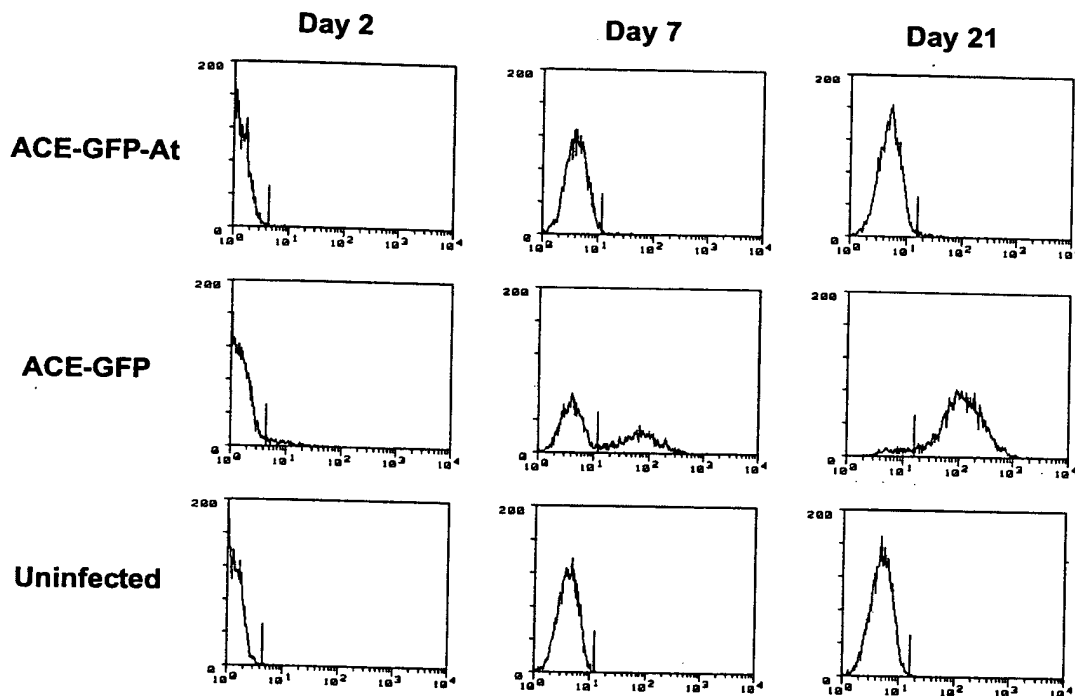
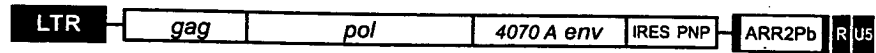


Figure 27

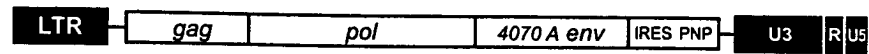
20043912.011402

A.

pACE-PNP-At



pACE-PNP



B.

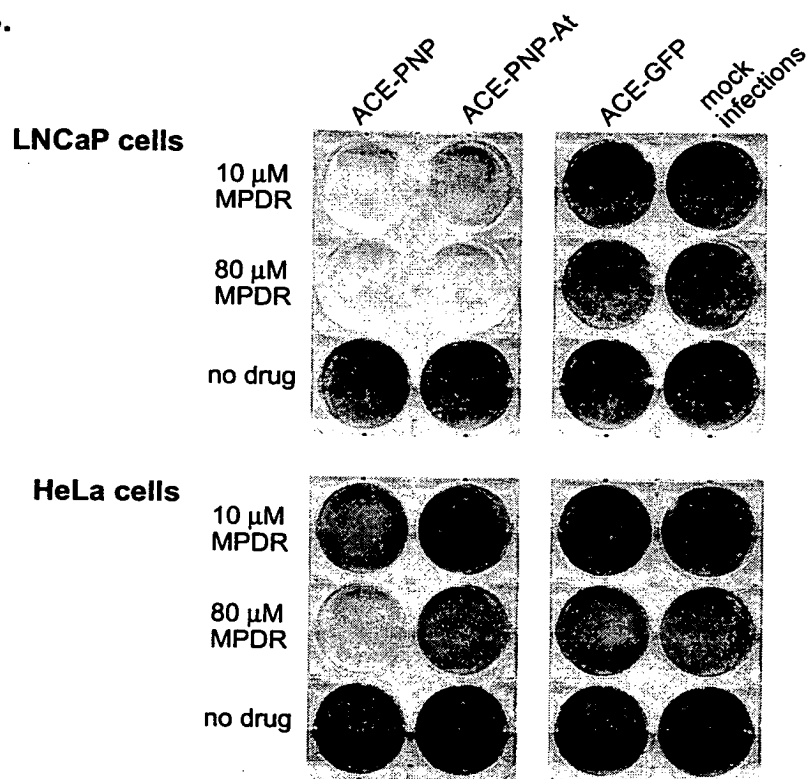


Figure 28

201102164001